

In-wall Mount for Masonry Installation Instructions pg. 1 of 2

Please provide these instructions to contractor at point of sale.

This product is intended to be used with Vitraform Glass Counters and Countersinks. It will accommodate material thickness from 11/16" (17mm) to 13/16" (21mm) using only the back wall for support.

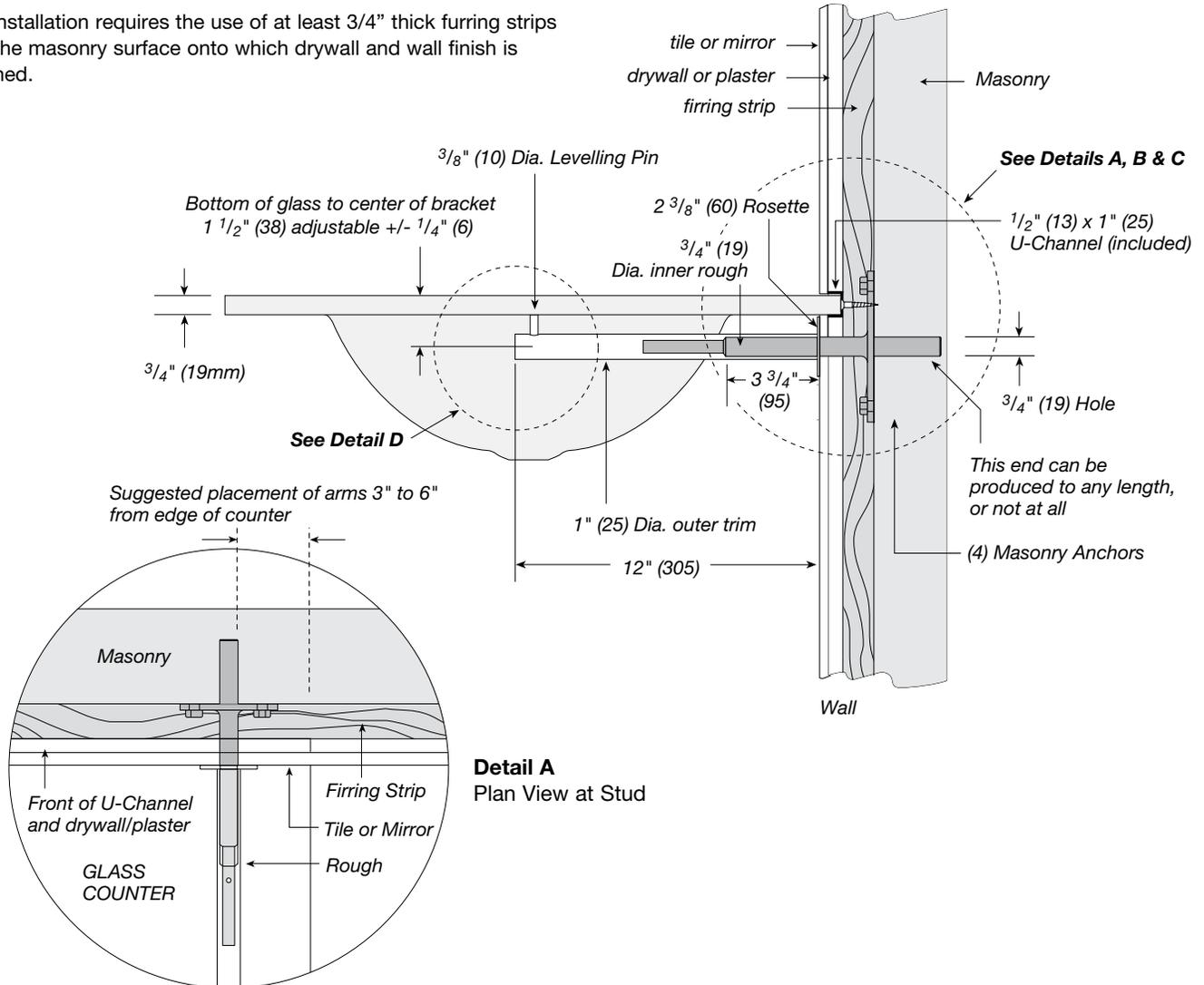
To install this product the wall must be opened to the masonry surface onto which the counter is to be attached. The strength and integrity of this installation is dependent upon the structure of the wall and the attachment of the masonry anchors to the wall so care must be taken that the wall material will be strong enough to support the total assembly.

Planning is an important part of this installation because all wall structure and finish must be complete before the glass can be installed. The waste, supply lines and if appropriate, wall mounted faucet must be installed at their correct locations. Only minor adjustments can be made after the wall is closed up. **NOTE:** This is a glass counter and everything will be visible through and around it once it is installed. Refer to pages 3.1.a, 4.1.a, 4.1.b for Rough-in Instructions for Vitraform drains.

This installation requires the use of at least 3/4" thick furring strips over the masonry surface onto which drywall and wall finish is attached.

Installation instructions are as follows:

- 1. Wall preparation:** Determine the number and placement of In-wall Arms to be installed. Make sure studs are correctly located relative to the center of the Arms (see **Detail A**). If not, block the studs to their correct center-to-center distance. Mark a level horizontal line on the wall representing the **BOTTOM** of the counter; all installation calculations are relative to this line.
- 2. Attachment of masonry In-wall roughs:** Set the height of the Rough with the center of the 3/4" (19mm) horizontal rod is **CENTERED 1 1/2" (38mm) BELOW** the **BOTTOM LINE** of the glass counter. Mark the wall at this vertical position and establish the correct horizontal placement of the Rough based on Glass width. Drill a 3/4" x 2" deep hole in the wall into which the back of the rough will be inserted. Using the Rough as a template, mark and drill wall for appropriate masonry anchors and attach Roughs to wall.
- 3. Furring out of wall:** Attach furring strips to allow for the thickness of the 1/4" steel plate plus the head of the masonry bolt used (usually a total of 3/4").



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4. Channel attachment:

a. The purpose of the U-channel is to help secure the back edge of the counter, to prevent being able to see into the wall once the glass is installed and to clearly indicate where the drywall/wall finish should be slotted to accommodate the glass.

For drywall finish (Detail B), apply a corner bead to the raw edge of the opening for the glass and finish as usual. Please note, painted drywall is not recommended for a wet location. See Detail C for recommended installation with waterproof material over drywall.

- b. Aluminum U-channel must be cut to length, drilled and countersunk in the appropriate locations to attach to the furring strips using flat head screws. Depending upon the thickness of the wall finish, the furring strips may need to be notched to allow the U-channel to sit at the correct depth relative to the back of the finished wall material.
- c. Attach the U-channel to the furring strips using flat head screws with the **BOTTOM INSIDE** edge of the channel 1-1/2" (38mm) **ABOVE THE CENTER** of the 3/4" (19mm) horizontal rod of the Rough. After completion of all necessary internal wall work finish the wall around the rough and channel leaving enough room for the glass to easily slide into the channel (at least 7/8" 22mm).

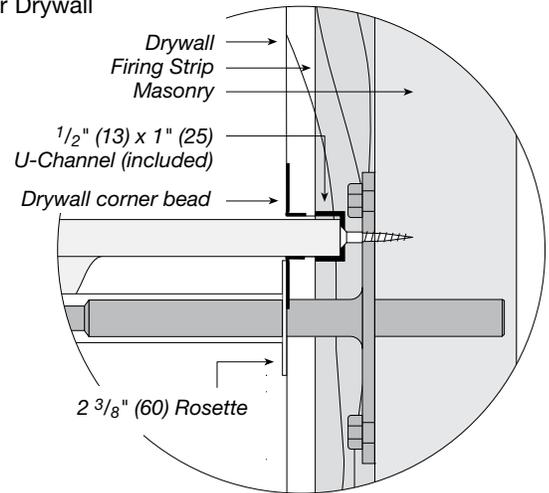
5. Trim installation: Slide Trim Rosettes and Trim Support Arms onto 3/4" (19mm) Rough rods with the #10-24 set screw facing down. Tighten the set screw so the arm correctly orients so Adjusting Pin holes are in the most vertical position. Install and adjust Leveling Pins so they are level with bottom of the channel in wall.

6. Glass installation: Peel back enough of the protective film on the back edge of the counter so the film does not go into the channel. Carefully slide the glass into the channel and by gently lifting the glass, adjust the Leveling Pins so they carry equal weight of the glass.

7. Caulking: Mask a 1/8" (3mm) wide area between the wall and the counter on the top side only. It is only necessary to caulk the top surface of the glass to the wall, making it easier to remove the counter if necessary. **DO NOT GET SILICONE ON THE COUNTER WHERE IT IS NOT INTENDED, IT IS DIFFICULT TO REMOVE, ESPECIALLY ON FROSTED COUNTERS, EVEN BEFORE IT SETS.**

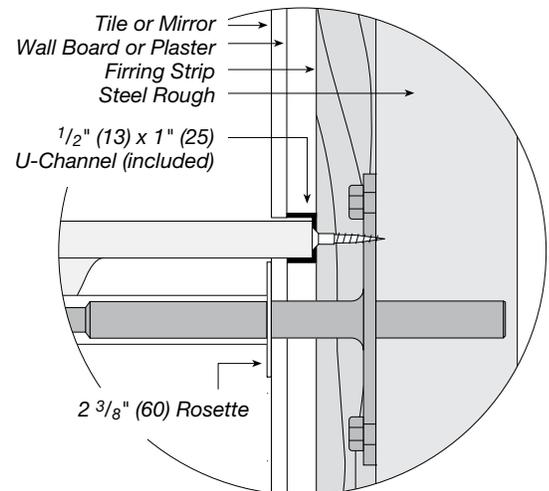
Detail B

Section for Drywall



Detail C

Section for Mirror, Stone or Tile



Detail D

Towel Bar assembly

